SAFETY ORGANIZATIONS

This filter has been formally recognized, certified or approved by the listed agency. Therefore, all test requirements specified in the latest revision of the following agency standards have been met:

UL recognized: UL 1263
CSA certified: CSA 22.2, #8
VDE approved: EN 13200

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 15 AMP/400 VDC 120/250VAC

LINE FREQUENCY: 50-60Hz

MAXIMUM LEAKAGE CURRENT, EACH LINE TO GROUND: 0.73mA @ 120V, 60Hz

OPERATING AMBIENT TEMP. RANGE: -10°C TO 40°C @ RATED CURRENT, Iᵣ.

In an ambient, Tᵣ, higher than 40°C, the maximum operating current, Iₒ, is as follows: Iₒ = Iᵣ \sqrt{\frac{100 - Tᵣ}{60}}

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE: -40°C TO 40°C
HUMIDITY: 21 DAYS @ 40°C 95% RH.
CURRENT OVERLOAD TEST: 6 TIMES Iᵣ FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE: 1.04mH NOMINAL
CAPACITANCE: (MEASURED @ 1kHz, 0.250VAC MAX., 25°C±1°C)
LINE TO GROUND: 0.02μF ±10%
LINE TO LINE: 3.05μF ±10%
DISCHARGE RESISTOR: 17kΩ
L/G AND L/I R.
NO DISCHARGE RESISTOR: 500kΩ (MIN.) @ 100VDC, 20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND: 1500VAC OR 2250VDC FOR 1 MINUTE
LINE TO LINE: 1450VDC FOR 1 MINUTE

FILTER APPROVAL:

The best way to select and qualify a filter is for your engineering to test the unit in your equipment.

Tyco/Electronics cercom

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50°C - 50°C (MINIMUM) INSERTION LOSS

<table>
<thead>
<tr>
<th>FREQUENCY Hz</th>
<th>0.010</th>
<th>0.050</th>
<th>0.070</th>
<th>0.110</th>
<th>0.150</th>
<th>1.0</th>
<th>2.0</th>
<th>10</th>
<th>20</th>
<th>30</th>
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</thead>
<tbody>
<tr>
<td>COMMON db</td>
<td>1</td>
<td>3</td>
<td>1</td>
<td>12</td>
<td>22</td>
<td>70</td>
<td>68</td>
<td>57</td>
<td>54</td>
<td>53</td>
</tr>
<tr>
<td>DIFF. db</td>
<td>9</td>
<td>16</td>
<td>16</td>
<td>13</td>
<td>34</td>
<td>61</td>
<td>52</td>
<td>36</td>
<td>36</td>
<td>23</td>
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</table>

Tyco: 2-6609037-2

SCALE: 1/8" = 1

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CATALOG # 15EMC3

KEY: A